

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49700

APPLICANT: Traveresat et al.

FILING DATE: June 2, 2000

SERIAL NO. 09/587,180

GROUP: 2751

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

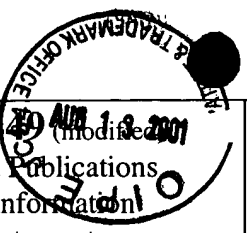
| | | |
|----|-----|--|
| TH | B1 | "Java™ Remote Method Invocation Specification," Sun Microsystems, Inc., <java.sun.com/products/dk1.2beta1>, 1997. |
| TH | B2 | Agha, et al., "Actorspaces: An Open Distributed Programming Paradigm," University of Illinois, Report No. UIUCDCS-R-92-1766, Open Systems Laboratory TR NO. 8, pp. 1-12, November 1992. |
| TH | B3 | Ahmed, et al., "A Program Building Tool for Parallel Applications," Yale University, pp. 1-23, December 1, 1993. |
| TH | B4 | Aldrich, et al., "Providing Easier Access to Remote Objects in Client-Server Systems," System Sciences, 1998, Proceedings of the 31 st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 366-375. |
| TH | B5 | Aldrich, et al., "Providing Easier Access to Remote Objects in Distributed Systems," Calif. Institute of Technology, www.cs.Caltech.edu/%7Ejedi/paper.html, Nov. 21, 1997. |
| TH | B6 | Anderson, et al., "Persistent Linda: Linda + Transaction + Query Processing," Proceedings of the 13 th Symposium on Fault Tolerant Systems, pp. 93-109, 1991. |
| TH | B7 | "Transparent Network Computing," Locus Computing Corporation, January 5, 1995. |
| TH | B8 | Alexander, et al., "Active Bridging," Proceedings of the ACM/SIGCOMM'97 Conference, Cannes, France, September, 1997. |
| TH | B9 | Beech, et al., "Object Databases as Generalizations of Relational Databases," Computer Standards & Interfaces, Vol. 13, Nos. 1/3 pp. 221-230, Amsterdam, NL, January 1991. |
| TH | B10 | Bertino, et al., "Object-Oriented Database Management Systems: Concepts and issues," Computer, Vol. 24, No. 4, pp. 33-47, Los Alamitos, CA, April 1991. |
| TH | B11 | Betz, et al., "Interoperable Objects: Laying the Foundation for Distributed Object Computing," Dr. Dobb's Journal, Vol. 19, NO. 11, page 18(13), October 1994. |
| TH | B12 | Bevan, et al., "An Efficient Reference Counting Solution To The Distributed Garbage Collection Problem," Parallel Computing, NL, Elsevier Science Publishers, Amsterdam, Vol. 9, No. 2, pages 179-192, January 1989. |
| TH | B13 | Birrell, et al., "Distributed Garbage Collection for Network Objects," Digital Systems Research Center, NO. 116, pages 1-18, December 15, 1993. |
| TH | B14 | Birrell, et al., "Grapevine: An Exercise in Distributed Computing," Communications to the ACM, Vol. 25, No. 4, pp. 260-274, April 1982. |
| TH | B15 | Birrell, et al., "Network Objects," DEC SRC Research Report 115, February 28, 1995. |
| TH | B16 | Birrell, et al., "Implementing Remote Procedure Calls," ACM Transactions on Computer Systems, Vol. 2, No. 1, pp. 39-59, February 1994. |
| TH | B17 | Birrell, et al., "Network Objects," Operating Systems Review, 27(5), pp. 217-230, December 1993. |
| TH | B18 | Cannon, et al., "Adding Fault-Tolerant Transaction Processing to LINDA," Software-Practice and Experience, Vol. 24(5), pp. 449-466, May 1994. |
| TH | B19 | Cardelli, "Obliq, A Lightweight Language For Network Objects," Digital SRC, pp. 1-37, November 5, 1993. |
| TH | B20 | Carriero, et al., "Distributed Data Structures in Linda," Principles of Programming Language, pp. 1-16, 1986. |

EXAMINER:

DATE CONSIDERED:

7/31/2003

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| | | |
|----|-----|---|
| TH | B21 | Carriero, et al., "Distributed Data Structures in Linda," Yale Research Report YALEU/DCS/RR-438, November 1985. |
| TH | B22 | Chung, et al., "A Tiny' Pascal Compiler: Part 1: The P-Code Interpreter," BYTE Publications, Inc., September 1978. |
| TH | B23 | Chung, et al., "A Tiny' Pascal Compiler: Part 2: The P-Compiler," BYTE Publications, Inc., October 1978. |
| TH | B24 | Dave, et al., "Proxies, Application Interface, And Distributed Systems," Proceedings International Workshop On Object Orientation In Operating Systems, pages 212-220, September 24, 1992. |
| TH | B25 | Deux, et al., "The O2 System," Communications Of The Association For Computing Machinery, Col. 34, No. 10, pages 34-48, October 1, 1991. |
| TH | B26 | Dijkstra, "Self-stabilizing Systems in Spite of Distributed Control," Communications of the ACM, Vol 17, No. 11, pp. 643-644, November 1974. |
| TH | B27 | Dolev, et al., "On the Minimal Synchronism Needed for Distributed Consensus," Journal of the ACM, Vol. 34, NO. 1, pp. 77-97, January 1987. |
| TH | B28 | Dollimore, et al., "The design of a System for Distributing Shared Objects," The Computer Journal, No. 6, Cambridge, GB, December 1991. |
| TH | B29 | Dourish, "A Divergence-Based Model of Synchrony and Distribution in Collaborative Systems," Xerox Technical Report EPC-1194-102, pp. 1-10, 1994. |
| TH | B30 | Drexler, et al., "Incentive Engineering for Computational Resource Management," The Ecology of Computation, Elsevier Science Publishers B.V., pp. 231-266, 1988. |
| TH | B31 | Gelernter, et al., "Parallel Programming in Linda," Yale University, pp. 1-21, January 1995. |
| TH | B32 | Droms, "RFC 1541 Dynamic Host Configuration Protocol," < http://www.cis.ohio-state.edu.htbin/rfc/rfc1541.html >, pages 1-33, October 1993. |
| TH | B33 | Emms, "A Definition Of AN Access Control Systems Language," Computer Standards And Interfaces, Vol. 6, No. 4, pp. 443-454, January 1, 1997. |
| TH | B34 | Fleisch, et al., "High Performance Distributed Objects Using Distributed Shared Memory & Remote Method Invocation," System Sciences, 1998, Proceedings of the 31 st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 574-578. |
| TH | B35 | Gelernter, "Generative Communication in Linda," ACM Transactions on Programming Languages and Systems, Vol. 7, No. 1, pp. 80-112, January 1985. |
| TH | B36 | Gottlob, et al., "Extending Object-Oriented Systems with Roles," ACM Transactions On Information Systems, Vol. 14, NO. 3, pp. 268-296, July 1996. |
| TH | B37 | Gray, et al. "Leases: An Efficient Fault-Tolerant Mechanism for Distributed File Cache Consistency," ACM, pp. 202-210, 1989. |
| TH | B38 | Guth, "JavaOne: Sun to Expand Java Distriubted Computing Effor," < http://www.sunworld.com/swol-02-1998/swol-02-sunspots.html >, XP-002109935, p.1, February 20, 1998. |
| TH | B39 | Guyennet, et al., "A New Consistency Protocol Implemented in the CaliF System," IEEE, 1094-7256/97, pp. 82-87, 1997. |

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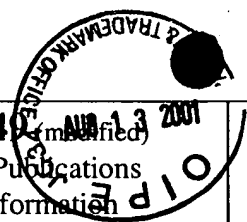
| | | |
|----|-----|---|
| TA | B40 | Guyennet, et al., "Distributed Shared Memory Layer for Cooperative Work Applications," IEEE, 0742-1303/97, pp. 72-78, 1997. |
| TA | B41 | Hamilton, et al., "Subcontract: A Flexible Base for Distributed Programming," Proceedings of 14 th Symposium of Operating System Principles, December 1993. |
| TA | B42 | Hamilton, "Java and the Shift to Net-Centric Computing," Computer, pp. 31-39, August 1996. |
| TA | B43 | Harris, et al., "Proposal for a General Java Proxy Class for Distributed Systems and Other Uses," Netscape Communications Corp., June 25, 1997. |
| TA | B44 | Hartman, et al., "Liquid Software: A New Paradigm For Networked Systems," Technical Report 96-11, Dept. of Comp. Sci., Univ. of Arizona, June 1996. |
| TA | B45 | Howard, et al., "Scale and Performance in a Distributed File System," ACM Transactions on Computer Systems, Vol. 6, No. 1, pp. 51-81, February 1988. |
| TA | B46 | Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," Xerox Corporation, August 1983. |
| TA | B47 | Pinakis, "Using Linda as the Basis of an Operating System Microkernel," University of Western Australia, Dept. of Computer Science, pp. 1-165, August 1993. |
| TA | B48 | Riggs, et al., "Picking State in the Java TM System," USENIX, Association Conference on Object-Oriented Technologies and Systems, CP-002112719, pp. 241-250, June 17-21, 1996. |
| TA | B49 | Rosenberry, et al., "Understanding DCE," Chapters 1-3, 6, 1992. |
| TA | B50 | Sharrott, et al., "ObjectMap: Integrated High Performance Resources into a Distributed Object-oriented Environment," ICODP, 1995. |
| TA | B51 | Stevenson, "Token-Based Consistency of Replicated Servers," IEEE, CH2686-4/89/0000/0179, pp. 179-183, 1989. |
| TA | B52 | Thompson, "Regular Expression Search Algorithm," Communications of the ACM, Vol. II, No. 6, p. 149 et seq., June 1968. |
| TA | B53 | Venners, "Jini Technology, Out of the Box," JAVAWORLD, 'Online!', pp. 1-4, December 1998. |
| TA | B54 | Waldo, et al., "Events in An RPC Based Distributed System," Proceedings Of The 1995 USENIX Technical Conference, Proceedings USENIX Winter 1995 Technical Conference, New Orleans, LA, USA, 16-20, pages 131-142, January 1995. |
| TA | B55 | Wilson, et al., "Design of the Opportunistic Garbage Collector," Proceedings of the Object Oriented Programming Systems Languages And Applications Conference, New Orleans, Vol. 24, No. 10, October 1989. |
| TA | B56 | Wollrath, et al., "A Distributed Object Model for theJaca TM System," USENIX Association, Conference on Object-Oriented Technologies and Systems, June 17-21, 1996. |
| TA | B57 | Wu, "A Type System For An Object-Oriented Database Systems," Proceedings of the International Computer Software and Applications Conference (COMPSAC), Tokyo, Japan, pp. 333-338, Sept. 11-13, 1991. |
| TA | B58 | Yemini, et al., "Towards Programmable Networks," IFIP/IEEE International Workshop on Distributed Systems: Operations and Management, L'Aquila, Italy, October 1996. |
| TA | B59 | Yin, et al., "Using Leases to Support Server Driven Consistency in Large-Scale Systems," Computer Services Department, University of Texas at Austin, p. 285-294, May 26-28, 1998. |

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| | | |
|----|-----|---|
| TA | B60 | Yin, et al., "Volume Leases for Consistency in Large-Scale Systems," IEEE Transactions on Knowledge & Data Engineering, Vol. 11, No. 4, pp. 563-576, July/August 1999. |
| TA | B61 | Mitchell, et al., "An Overview of the Spring System," February 1994. |
| TA | B62 | Mitchell, et al., "Mesa Language Manual," Xerox Corporation, Palo Alto Research Center, 1978. |
| TA | B63 | McDaniel, "An Analysis of a Mesa Instruction Set," Xerox Corporation, May 1982. |
| TA | B64 | McGrath, "Discovery and its Discontents: Discovery Protocols for Ubiquitous Computing," Presented at Center for Excellence in Space Data and Information Science, NASA Goddard Space Flight Center, April 5, 2000. |
| TA | B65 | Mummert, et al., "Long Term Distributed File Reference Tracing: Implementation and Experience," Carnegie Mellon University School of Computer Science, pp. 1-28, November 1994. |
| TA | B66 | Orfali, et al., "The Essential Distributed Objects Survival Guide," Chapter 11: Corba Commercial ORBs, pages 203-215, John Wiley & Sons, Inc., 1996. |
| TA | B67 | Ousterhout, et al., "The Sprite Network Operating System," Computer, IEEE, pp. 23-36, February 1988. |
| TA | B68 | Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," IEEE Conference Proceedings, The 10 th Annual International Symposium on Computer Architecture," 1993. |
| TA | B69 | Hunt, "IDF: A Graphical Data Flow Programming Language for Image Processing and Computer Vision," Proceedings of the International Conference on Systems, Man, and Cybernetics, pp. 351-360, Los Angeles, Nov. 4-7, 1990. |
| TA | B70 | IBM TM Technical Disclosure Bulletin, "Object Location Algorithm," Vol. 36, No. 09B, pp. 257-258, September 1993. |
| TA | B71 | IBM, "Chapter 6 - Distributed SOM (DSOM)," SOMobjects Developer Toolkit Users Guide, Version 2.1, pages 6-1-6-90, October 1994. |
| TA | B72 | Anonymous, "Change-Notification Service for Shared Filed," IBM Technical Disclosure Bulletin, Vol. 36, No. 8, pages 77-82, XP002109435 New York, US, November 1973. |
| TA | B73 | IBM TM Technical Disclosure Bulletin, "Retrieval of Qualified Variables Using Extendible Hashing," Vol. 36, No. 12, pp. 301-303, December 1993. |
| TA | B74 | Anonymous, "Resource Preemption for Priority Scheduling," IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 16, No. 6, page 1931, XP002109435 New York, US, November 1973. |
| TA | B75 | IBM TM Technical Disclosure Bulletin, "Local Network Monitoring to Populate Access Agent Directory," Vol. 36, No. 09A, pp. 403*405, September 1993. |
| TA | B76 | MUX-Elektronik, Java 1.1 Interactive Course, www.lls.se/~mux/javaic.html, 1995. |
| TA | B77 | Jones, et al., "Garbage Collection: Algorithms for Automatic Dynamic Memory Management," pages 165-175, John Wiley & Sons, 1996. |
| TA | B78 | Kambhatla, et al., "Recovery with Limited Replay: Fault-Tolerant Processes in Linda," Oregon Graduate Institute, Technical Report CSIE 90-019, pp. 1-16, September 1990. |
| TA | B79 | Kay, et al., "An Overview of the Raleigh Object-Oriented Database System," ICL Technical Journal, Vol. 7, No. 4, pp. 780-798, Oxford, GB, November 1991. |

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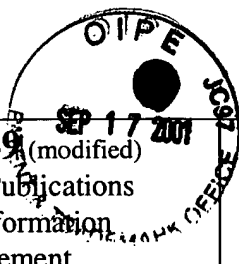
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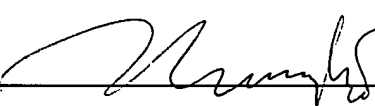
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U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
|----------------|-----------|-----------------|---------|------------------|-------------------|-----------|--------------------|
| TH | D1 | 5,778,187 | 7/7/98 | Monteiro, et al. | 709 | 231 | — |
| TH | D2 | 5,832,529 | 11/3/98 | Wollrath, et al. | 707 | 206 | — |
| TH | D3 | 6,016,500 | 1/18/00 | Waldo, et al. | Technology Center | 2100 | — |

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
|----------------|-----------|-----------------|----------|---------|-------|-----------|--------------------|
| TH | C1 | 11-45187 | 10/10/97 | JP | | | |
| TH | C2 | 2 253 079 | 8/26/92 | GB | | | |
| TH | C3 | 2 262 825 | 6/30/93 | GB | | | |
| TH | C4 | 2 305 087 | 3/26/97 | GB | | | |
| TH | C5 | 300 516 | 1/25/89 | EP | | | |
| TH | C6 | 351 536 | 1/24/90 | EP | | | |
| TH | C7 | 384 339 | 8/29/90 | EP | | | |
| TH | C8 | 472 874 | 3/4/92 | EP | | | |
| TH | C9 | 474 340 | 3/11/92 | EP | | | |
| TH | C10 | 497 022 | 8/5/92 | EP | | | |
| TH | C11 | 555 997 | 8/18/93 | EP | | | |
| TH | C12 | 565 849 | 10/20/93 | EP | | | |
| TH | C13 | 569 195 | 11/10/93 | EP | | | |
| TH | C14 | 697 655 | 2/21/96 | EP | | | |
| TH | C15 | 660 231 | 6/28/95 | EP | | | |
| TH | C16 | 651 328 | 5/3/95 | EP | | | |
| TH | C17 | 625 750 | 11/23/94 | EP | | | |
| TH | C18 | 718 761 | 6/26/96 | EP | | | |
| TH | C19 | 767 432 | 4/9/97 | EP | | | |
| TH | C20 | 778 520 | 6/11/97 | EP | | | |
| TH | C21 | 794 493 | 9/10/97 | EP | | | |

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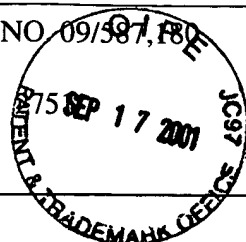
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| TA | C22 | 803 810 | 10/29/97 | EP | | | |
| TA | C23 | 803 811 | 10/29/97 | EP | | | |
| TA | C24 | 805 393 | 11/5/97 | EP | | | |
| TA | C25 | 810 524 | 12/3/97 | EP | | | |
| TA | C26 | 817 020 | 1/7/98 | EP | | | |
| TA | C27 | 817 022 | 1/7/98 | EP | | | |
| TA | C28 | 817 025 | 1/7/98 | EP | | | |
| TA | C29 | 836 140 | 4/15/98 | EP | | | |
| TA | C30 | 92/07335 | 4/30/92 | WO | | | |
| TA | C31 | 92/09948 | 6/11/92 | WO | | | |
| TA | C32 | 93/25962 | 12/23/93 | WO | | | |
| TA | C33 | 94/03855 | 2/17/94 | WO | | | |
| TA | C34 | 96/10787 | 4/11/96 | WO | | | |
| TA | C35 | 96/03692 | 2/8/96 | WO | | | |
| TA | C36 | 96/18947 | 6/20/96 | WO | | | |
| TA | C37 | 96/24099 | 8/8/96 | WO | | | |
| TA | C38 | 98/02814 | 1/22/98 | WO | | | |
| TA | C39 | 98/04971 | 2/5/98 | WO | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|-----|---|
| TA | C40 | Jaworski, "Java 1.1 Developer's Guide, 2 nd Edition," Sams.net, 1997. |
| TA | C41 | Coulouris, et al., "Distributed Systems Concepts and Designs," Second Edition, Addison-Wesley, 1994. |
| TA | C42 | Mullender, "Distributed Systems," Second Edition, Addison-Wesley, 1993. |
| TA | C43 | Lindholm, et al., "The Java TM Virtual Machine Specification," Addison Wesley, 1996. |
| TA | D4 | "SOAP: Simple Object Access Protocol," msdn online Web Workshop, Microsoft, April 26, 2000, http://msdn.Microsoft.com/xml/general/soapspec.asp , 34 pages. |
| TA | D5 | Rob Guth, "Sun tries on JacaSpaces for Distributed OS," August 1997, Vol. 19, Issue 34, 2 pages. |
| TA | D6 | Microsoft, "Microsoft.NET: Realizing the Next Generation Internet," A Microsoft White Paper, June 2000, 8 pages. |

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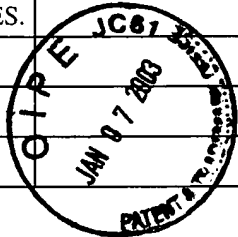
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|-------------------|--------------|-----------------|----------|---------|-------|--------------|-----------------------|
| Ta | E1 | 483 525 | 5/6/92 | EP | | | |
| Ta | E2 | 330 087 | 8/30/89 | EP | | | |
| Ta | E3 | 403 124 | 12/19/90 | EP | | | |

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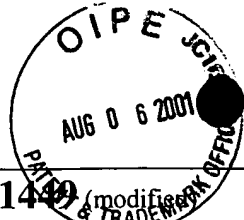
| | | | | | | | |
|----|----|--|--|--|--|--|--|
| Ta | E4 | "SourceForge.net: user-mode-linux-user," Internet Document, December 1999, XP002215321, retrieved from http://sourceforge.net/mailarchive/forum.php?forum_id=3647&max_rows=100&style=nested&viewmonth=1999 , 12, 10 pages. | | | | | |
| Ta | E5 | Daniel Quinlan, "PCI NVRAM Card for Linux?," Internet Document, Online!, March 24, 1999, XP-002215322, 1 page. | | | | | |
| Ta | E6 | Art Greenberg, "Re: Flash Memory Based System," Internet Document, Online!, January 26, 1998, XP-002215323, 1 page. | | | | | |
| Ta | E7 | Artosz Klimek, "Re: Against Virtual Memory," Internet Document, Online!, August 9, 1999, XP-002215324, 1 page. | | | | | |
| Ta | E8 | Fransesco Lacapra, et al., "The Virtual Memory Scheme of Cosmos," Proceedings of the Hawaii International Conf. On System Sciences, January 6, 1992, XP-000856970, pp 43-51. | | | | | |
| Ta | E9 | International Search Report for PCT/US 01/16819, mailed October 29, 2002, 8 pages. | | | | | |
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| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|--------------|-----------------|----------|----------------------|-------|--------------|-------------------------------|
| TH | A1 | 5,455,952 | 10/3/95 | Gjovaag | 717 | 108 | — |
| TH | A2 | 5,386,568 | 1/31/95 | Wold, et al. | 717 | 162 | — |
| TH | A3 | 5,423,042 | 6/6/95 | Jalili, et al. | 709 | 328 | — |
| TH | A4 | 5,481,721 | 1/2/96 | Serlet, et al. | 709 | 315 | — |
| TH | A5 | 5,557,798 | 9/17/96 | Skeen, et al. | 705 | 350 | — |
| TH | A6 | 5,944,793 | 8/31/99 | Islam, et al. | 717 | 109 | — |
| TH | A7 | 5,946,485 | 8/31/99 | Weeren, et al. | 709 | 220 | — |
| TH | A8 | 5,946,694 | 8/31/99 | Copeland, et al. | 707 | 103 | — |
| TH | A9 | 4,491,946 | 1/1/85 | Kryshow, Jr., et al. | 370 | 553 | — |
| TH | A10 | 4,713,806 | 12/15/87 | Oberlander, et al. | 370 | 358 | — |
| TH | A11 | 4,809,160 | 2/28/89 | Mahon, et al. | 713 | 200 | — |
| TH | A12 | 4,939,638 | 7/3/90 | Stephenson, et al. | 710 | 244 | — |
| TH | A13 | 5,088,036 | 2/11/92 | Ellis, et al. | 707 | 206 | — |
| TH | A14 | 4,823,122 | 4/18/89 | Mann, et al. | 340 | 825.28 | — |
| TH | A15 | 4,956,773 | 9/11/90 | Saito, et al. | 717 | 104 | — |
| TH | A16 | 5,109,486 | 4/28/92 | Seymour | 709 | 224 | — |
| TH | A17 | 5,187,787 | 2/16/93 | Skeen, et al. | 709 | 314 | — |
| TH | A18 | 5,218,699 | 6/8/93 | Brandle, et al. | 709 | 328 | — |
| TH | A19 | 5,257,369 | 10/26/93 | Skeen, et al. | 709 | 312 | — |
| TH | A20 | 5,293,614 | 3/8/94 | Ferguson, et al. | 707 | 201 | — |
| TH | A21 | 5,297,283 | 3/22/94 | Kelly, Jr., et al. | 709 | 104 | — |
| TH | A22 | 5,307,490 | 4/26/94 | Davidson, et al. | 709 | 328 | — |
| TH | A23 | 5,311,591 | 5/10/94 | Fischer | 713 | 156 | — |
| TH | A24 | 5,339,435 | 8/16/94 | Lubkin, et al. | 717 | 121 | — |
| TH | A25 | 5,390,328 | 2/14/95 | Frey, et al. | 709 | 315 | — |
| TH | A26 | 5,440,744 | 8/8/95 | Jacobson, et al. | 709 | 203 | — |

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Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49700

SERIAL NO. 09/587,180

APPLICANT: Traversat et al

GROUP: 2751

FILING DATE: June 2, 2000

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------|-----------|-----------------|----------|--------------------|-------|-----------|----------------------------|
| TH | A27 | 5,448,740 | 9/5/95 | Kiri, et al. | 717 | 155 | — |
| TH | A28 | 5,452,459 | 9/19/95 | Drury, et al. | 707 | 3 | — |
| TH | A29 | 5,471,629 | 11/28/95 | Risch | 707 | 201 | — |
| TH | A30 | 5,475,792 | 12/12/95 | Stanford, et al. | 704 | 23 | — |
| TH | A31 | 5,475,817 | 12/12/95 | Waldo, et al. | 709 | 316 | — |
| TH | A32 | 5,504,921 | 4/2/96 | Dev, et al. | 709 | 223 | — |
| TH | A33 | 5,511,197 | 4/23/96 | Hill, et al. | 709 | 328 | — |
| TH | A34 | 5,524,244 | 6/4/96 | Robinson, et al. | 717 | 140 | — |
| TH | A35 | 5,553,282 | 9/3/96 | Parrish, et al. | 707 | 10 | — |
| TH | A36 | 5,555,367 | 9/10/96 | Premarlani, et al. | 707 | 4 | — |
| TH | A37 | 5,555,427 | 9/10/96 | Aoe, et al. | 709 | 201 | — |
| TH | A38 | 5,560,003 | 9/24/96 | Nilsen, et al. | 707 | 206 | — |
| TH | A39 | 5,561,785 | 10/1/96 | Blandy, et al. | 711 | 170 | — |
| TH | A40 | 5,577,231 | 11/19/96 | Scalzi, et al. | 703 | 26 | — |
| TH | A41 | 5,594,921 | 1/14/97 | Pettus | 710 | 11 | — |
| TH | A42 | 5,603,031 | 2/11/97 | White, et al. | 709 | 317 | — |
| TH | A43 | 5,680,573 | 10/21/97 | Rubin, et al. | 711 | 129 | — |
| TH | A44 | 5,680,617 | 10/21/97 | Gough, et al. | 707 | 104.1 | — |
| TH | A45 | 5,684,955 | 11/4/97 | Meyer, et al. | 709 | 316 | — |
| TH | A46 | 5,689,709 | 11/18/97 | Corbett, et al. | 709 | 315 | — |
| TH | A47 | 5,706,435 | 1/6/98 | Barbara, et al. | 711 | 141 | — |
| TH | A48 | 5,706,502 | 1/6/98 | Foley, et al. | 707 | 10 | — |
| TH | A49 | 5,724,588 | 3/3/98 | Hill, et al. | 709 | 328 | — |
| TH | A50 | 5,727,145 | 3/10/98 | Nessett, et al. | 713 | 200 | — |
| TH | A51 | 5,617,537 | 4/1/97 | Yamada, et al. | 709 | 214 | — |
| TH | A52 | 5,628,005 | 5/6/97 | Hurvig | 707 | 8 | — |
| TH | A53 | 5,640,564 | 6/17/97 | Hamilton, et al. | 709 | 315 | — |

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Information Disclosure Statement--PTO 1449 (modified)

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|---|----------------------------|-----------------------|
| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | ATTY. DKT. NO. 5181-49700 | SERIAL NO. 09/587,180 |
| | APPLICANT: Traversat et al | GROUP: 2751 |
| | FILING DATE: June 2, 2000 | |

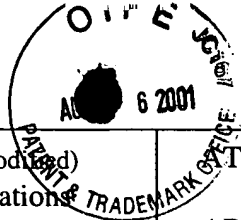
U.S. PATENT DOCUMENTS

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|----------------|-----------|-----------------|---------|----------------------|-------|-----------|----------------------------|
| TA | A54 | 5,644,768 | 7/1/97 | Periwal, et al. | 709 | 102 | 1 |
| TA | A55 | 5,652,888 | 7/29/97 | Burgess, et al. | 709 | 318 | 1 |
| TA | A56 | 5,655,148 | 8/5/97 | Richman, et al. | 710 | 8 | 1 |
| TA | A57 | 5,659,751 | 8/19/97 | Heninger | 709 | 332 | 1 |
| TA | A58 | 5,671,225 | 9/23/97 | Hooper, et al. | 370 | 468 | 1 |
| TA | A59 | 5,675,796 | 10/7/97 | Hodges, et al. | 709 | 100 | 1 |
| TA | A60 | 5,737,607 | 4/7/98 | Hamilton, et al. | 709 | 316 | 1 |
| TA | A61 | 5,745,678 | 4/28/98 | Herzberg, et al. | 713 | 200 | 1 |
| TA | A62 | 5,745,695 | 4/28/98 | Gilchrist, et al. | 709 | 227 | 1 |
| TA | A63 | 5,745,703 | 4/28/98 | Cejtin, et al. | 709 | 238 | 1 |
| TA | A64 | 5,745,755 | 4/28/98 | Covey | 707 | 203 | 1 |
| TA | A65 | 5,748,897 | 5/5/98 | Katiyar | 709 | 229 | 1 |
| TA | A66 | 5,754,849 | 5/19/98 | Dyer, et al. | 707 | 101 | 1 |
| TA | A67 | 5,757,925 | 5/26/98 | Faybishenko | 709 | 203 | 1 |
| TA | A68 | 5,761,656 | 6/2/98 | Ben-Shachar | 707 | 4 | 1 |
| TA | A69 | 5,764,897 | 6/9/98 | Khalidi | 709 | 201 | 1 |
| TA | A70 | 5,768,532 | 6/16/98 | Megerian | 709 | 245 | 1 |
| TA | A71 | 5,774,551 | 6/30/98 | Wu, et al. | 713 | 155 | 1 |
| TA | A72 | 5,778,228 | 7/7/98 | Wei | 709 | 328 | 1 |
| TA | A73 | 5,778,368 | 7/7/98 | Hogan, et al. | 707 | 10 | 1 |
| TA | A74 | 5,787,425 | 7/28/98 | Bigus | 707 | 6 | 1 |
| TA | A75 | 5,787,431 | 7/28/98 | Shaughnessy | 707 | 100 | 1 |
| TA | A76 | 5,790,548 | 8/4/98 | Sistanizadeh, et al. | 370 | 401 | 1 |
| TA | A77 | 5,802,367 | 9/1/98 | Held, et al. | 709 | 332 | 1 |
| TA | A78 | 5,808,911 | 9/15/98 | Tucker, et al. | 709 | 316 | 1 |
| TA | A79 | 5,809,507 | 9/15/98 | Cavanaugh, III | 707 | 1032 | 1 |
| TA | A80 | 5,813,013 | 9/22/98 | Shakib, et al. | 707 | 102 | 1 |

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ATTY. DKT. NO. 5181-49700

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|-------------------|--------------|-----------------|----------|-----------------------|-------|--------------|-------------------------------|
| TA | A81 | 5,815,149 | 9/29/98 | Mutschler, III et al. | 345 | 762 | — |
| TA | A82 | 5,815,709 | 9/29/98 | Waldo, et al. | 712 | 300 | — |
| TA | A83 | 5,815,711 | 9/29/98 | Sakamoto, et al. | 717 | 105 | — |
| TA | A84 | 5,818,448 | 10/6/98 | Katiyar | 709 | 203 | — |
| TA | A85 | 5,829,022 | 10/27/98 | Watanabe, et al. | 711 | 2118 | — |
| TA | A86 | 5,832,219 | 11/3/98 | Pettus | 709 | 203 | — |
| TA | A87 | 5,832,529 | 11/3/98 | Wollrath, et al. | 707 | 203 | — |
| TA | A88 | 5,832,593 | 11/10/98 | Wurst, et al. | 29 | 700 | — |
| TA | A89 | 5,835,737 | 11/10/98 | Sand, et al. | 710 | 113 | — |
| TA | A90 | 5,842,018 | 11/24/98 | Atkinson, et al. | 709 | 332 | — |
| TA | A91 | 5,844,553 | 12/1/98 | Hao, et al. | 345 | 733 | — |
| TA | A92 | 5,845,129 | 12/1/98 | Wendorf, et al. | 710 | 200 | — |
| TA | A93 | 5,860,004 | 1/12/99 | Fowlow, et al. | 711 | 109 | — |
| TA | A94 | 5,860,153 | 1/12/99 | Matena, et al. | 707 | 216 | — |
| TA | A95 | 5,864,862 | 1/26/99 | Kriens, et al. | 707 | 103R | — |
| TA | A96 | 5,864,866 | 1/26/99 | Henckel, et al. | 707 | 103R | — |
| TA | A97 | 5,872,928 | 2/16/99 | Lewis, et al. | 709 | 222 | — |
| TA | A98 | 5,872,973 | 2/16/99 | Mitchell, et al. | 709 | 332 | — |
| TA | A99 | 5,875,335 | 2/23/99 | Beard | 717 | 139 | — |
| TA | A100 | 5,878,411 | 3/2/99 | Burroughs, et al. | 707 | 4 | — |
| TA | A101 | 5,884,024 | 3/16/99 | Lin, et al. | 713 | 201 | — |
| TA | A102 | 5,884,079 | 3/16/99 | Furusawa | 717 | 109 | — |
| TA | A103 | 5,887,134 | 3/23/99 | Ebrahim | 709 | 200 | — |
| TA | A104 | 5,890,158 | 3/30/99 | House, et al. | 707 | 10 | — |
| TA | A105 | 5,892,904 | 4/6/99 | Atkinson, et al. | 713 | 201 | — |
| TA | A106 | 5,933,497 | 8/3/99 | Beetcher, et al. | 705 | 59 | — |
| TA | A107 | 5,935,249 | 8/10/99 | Stern, et al. | 713 | 201 | — |

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